

(37 CFR 1.63)

My residence, mailing address and citizenship are as stated below next to my name.

PERFUSION APPARATUS AND METHODS FOR PHARMACEUTICAL DELIVERY

☒ is attached hereto.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim the benefit under Title 35, United States, § 120 of any United States application(s) or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information which is material to patentability as defined in Title 37, of Federal Regulations Code, § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

This application is a continuation-in-part of U.S. Application Serial No. 09/167,894 filed October 7, 1998, which is a continuation of U.S. Application Serial No. 08/761,793 filed December 6, 1996, now U.S. Patent No. 5,871,464, which is a continuation of U.S. Application Serial No. 08/442,189, filed on May 16, 1995 now abandoned.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Mark E. Bandy,	Reg. No. 35,788	Sandra M. Koenig,	Reg. No. 33,722
Brian G. Bembenick,	Reg. No. 41,463	Scott A. McCollister,	Reg. No. 33,961
John P. Cornely,	Reg. No. 41,687	James W. McKee,	Reg. No. 26,482
David B. Cupar,	Reg. No. 47,510	Richard J. Minnich,	Reg. No. 24,175
Joseph D. Dreher,	Reg. No. 37,123	Jay F. Moldovanyi,	Reg. No. 29,678
Christopher B. Fagan,	Reg. No. 22,987	Philip J. Moy,	Reg. No. 31,280
Patrick D. Floyd,	Reg. No. 39,671	Timothy E. Nauman,	Reg. No. 32,283
Jude A. Fry,	Reg. No. 38,340	Eric J. Overberger,	Reg. No. P48,556
Steven M. Haas,	Reg. No. 37,841	Scott C. Rand,	Reg. No. 40,359
Michael E. Hudzinski,	Reg. No. 34,185	Patrick R. Roche,	Reg. No. 29,580
Edward T. Kennedy,	Reg. No. P48,478	James E. Scarbrough,	Reg. No. 47,056
Richard M. Klein,	Reg. No. 33,000	Ann M. Skerry,	Reg. No. 45,655
Thomas E. Kocovsky, Jr.	Reg. No. 28,383	Mark S. Svat,	Reg. No. 34,261
		Jason A. Worgull,	Reg. No. 48,044

DIRECT ALL CORRESPONDENCE TO:

Richard J. Minnich
Fay, Sharpe, Fagan,
Minnich & McKee, LLP
1100 Superior Avenue, 7th Floor
Cleveland, OH 44114-2518

DIRECT TELEPHONE CALLS TO:

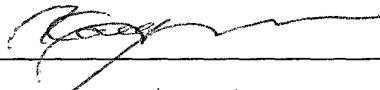
Richard J. Minnich
Telephone: 216/861-5582
Facsimile: 216/241-1666

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the APPLICATION or any patent issued thereon.

Name of Sole or First Inventor:

Karl Tryggvason

Inventor's Signature:


10/02/01

Date:

Residence:

Stockholm, Sweden

Country of Citizenship:

SWEDEN

Mailing Address:

Karolinska Institute,
Department of Medical Biochemistry and
Biophysics
Scheeles väg 2, hus B1, plan 4
Se-17177 Stockholm, SWEDEN

Name of Sole or Second Inventor:

Teija Parpala-Spärman

Inventor's Signature:



Date:

9/10 - 01 (October 9th)

Residence:

Oulu, Finland

Country of Citizenship:

FINLAND

Mailing Address:

Oulu University Hospital, Department of Surgery
Kajaanintie 50, PL 22
FIN-~~90220~~ Oulu, FINLAND
90029

Name of Sole or Second Inventor:

Olavi Lukkarinen

Inventor's Signature:

Date:

Residence:

Oulu, Finland

Country of Citizenship:

FINLAND

Mailing Address:

Oulu University Hospital, Department of Surgery
Kajaanintie 50, PL 22
FIN-90220 Oulu, FINLAND

Name of Sole or Second Inventor:

Pirkko ~~K~~^{or} Korteinen

Inventor's Signature:

Date:

Residence:

Turku, Finland

Country of Citizenship:

FINLAND

Mailing Address:

BioTie Therapies Corp.
BioCity
Tykistönkatu 6
FIN-20520 Turku, FINLAND

1004464301

Name of Sole or Second Inventor: Teija Parpala-Spärman
Inventor's Signature: _____
Date: _____
Residence: Oulu, Finland
Country of Citizenship: FINLAND
Mailing Address: Oulu University Hospital, Department of Surgery
Kajaanintie 50, PL 22
FIN-90220 Oulu, FINLAND

Name of Sole or Second Inventor: Olavi Lukkarinen
Inventor's Signature: Olavi Lukkarinen
Date: 22 October, 2001
Residence: Oulu, Finland
Country of Citizenship: FINLAND
Mailing Address: Oulu University Hospital, Department of Surgery
Kajaanintie 50, PL 22
FIN-90220 Oulu, FINLAND

Name of Sole or Second Inventor: Pirkko ~~K~~^{or}teinen
Inventor's Signature: _____
Date: _____
Residence: Turku, Finland
Country of Citizenship: FINLAND
Mailing Address: BioTie Therapies Corp.
BioCity
Tykistökatu 6
FIN-20520 Turku, FINLAND

Name of Sole or Second Inventor: Teija Parpala-Spårman
Inventor's Signature: _____
Date: _____
Residence: Oulu, Finland
Country of Citizenship: FINLAND
Mailing Address: Oulu University Hospital, Department of Surgery
Kajaanintie 50, PL 22
FIN-90220 Oulu, FINLAND

Name of Sole or Second Inventor: Olavi Lukkarinen
Inventor's Signature: _____
Date: _____
Residence: Oulu, Finland
Country of Citizenship: FINLAND
Mailing Address: Oulu University Hospital, Department of Surgery
Kajaanintie 50, PL 22
FIN-90220 Oulu, FINLAND

Name of Sole or Second Inventor: Pirkko Kortteinen
Inventor's Signature: Pirkko Kortteinen
Date: 10/19/01
Residence: Turku, Finland
Country of Citizenship: FINLAND
Mailing Address: BioTie Therapies Corp.
BioCity
Tykistökatu 6
FIN-20520 Turku, FINLAND